

Experiment: A test under controlled conditions that is made to demonstrate a known truth, to examine the validity of a hypothesis, or to determine the efficacy of something previously untried.



Independent variable or manipulated variable: The experimenter will purposely change one of the variables.



Dependent variable or responding variable: Changes in response to the purposeful change.



Constants: The factors that could be changed but which are deliberately held constant or not changed.



Control: If a constant is used to compare data with the variables.



A hypothesis: A possible explanation to observations and questions asked. Not an educated guess!

